

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An electronic program guide providing device comprising:
an editing means for editing electronic program information;
an electronic program information storage means for storing the electronic
program information edited by said editing means;

a table generation means for generating ~~an~~ a plurality of electronic program
guide information tables ~~table~~ by using the electronic program information stored in said
electronic program information storage means, ~~said device providing the generated~~
plurality of electronic program guide information tables including table, ~~said electronic~~
~~program guide table having~~ a first table of events, and at least a second table of events
occurring at different times or ~~in~~ including different content from the events in the first
table;

wherein, when updating the electronic program information stored in said
electronic program information storage means, said editing means ~~generating~~
generates update information on the updating of the electronic program information; and

said table generation means determines which of said plurality of electronic
program guide information tables needs to be generated based on said update
information generated by said editing means and generates only those ~~updating the~~
electronic program guide information tables that are determined to need updating by
using the electronic program information stored in said electronic program information
storage means;

wherein the first table of events is separately regenerated at a time or in content different from the second table of events.

2. (Currently Amended) The electronic program guide providing device according to Claim 1, ~~wherein said device further includes~~ further comprising:

an update information storage means for storing the update information generated by said editing means, and

wherein, when updating the electronic program information stored in said electronic program information storage means, said editing means stores the update information on the updating of the electronic program information in said update information storage means, ~~and said table generation means generates the electronic program guide table based on the update information stored in said update information storage means by using the electronic program information stored in said electronic program information storage means.~~

3. (Currently Amended) The electronic program guide providing device according to Claim 1, ~~wherein said electronic program guide table consists of a~~ each of said plurality of electronic program information tables ~~each of which corresponds to the type of electronic program information included therein, and said table generation means determines which electronic program information table has to be updated based on the update information on the updating of the electronic program information, and~~

~~updates only one or more electronic program information tables that need to be updated.~~

4. (Currently Amended) The electronic program guide providing device according to Claim 2, wherein ~~said electronic program guide table consists of a~~ each of said plurality of electronic program information tables each of which corresponds to the type of electronic program information included therein, and said table generation means determines which electronic program information table has to be updated based on the update information on the updating of the electronic program information, and updates only one or more electronic program information tables that need to be updated.

5. (Original) The electronic program guide providing device according to Claim 3, wherein said table generation means updates only one or more electronic program information tables that need to be updated at predetermined intervals.

6. (Original) The electronic program guide providing device according to Claim 4, wherein said table generation means updates only one or more electronic program information tables that need to be updated at predetermined intervals.

7. (Original) The electronic program guide providing device according to Claim

5, wherein said table generation means sets the length of predetermined intervals at which only one or more electronic program information tables that need to be updated are updated according to a sending frequency of an electronic program information table with the largest sending frequency.

8. (Original) The electronic program guide providing device according to Claim 6, wherein said table generation means sets the length of predetermined intervals at which only one or more electronic program information tables that need to be updated are updated according to a sending frequency of an electronic program information table with the largest sending frequency.

9. (Original) The electronic program guide providing device according to Claim 5, wherein said table generation means sets the length of predetermined intervals at which each of one or more electronic program information tables that need to be updated is updated according to a sending frequency of each of the one or more electronic program information tables.

10. (Original) The electronic program guide providing device according to Claim 6, wherein said table generation means sets the length of predetermined intervals at which each of one or more electronic program information tables that need to be updated is updated according to a sending frequency of each of the one or more

electronic program information tables.

11. (Original) The electronic program guide providing device according to Claim 2, wherein said device includes a plurality of editing means, and each of said plurality of editing means inspects update information generated by any other editing means stored in said update information storage means.

12. (Original) The electronic program guide providing device according to Claim 2, wherein said update information storage means stores histories of the update information generated by said editing means, and said editing means restores the electronic program information stored in said electronic program information storage means to the state it was prior to any updating done by said editing means with reference to the histories of the update information stored in said update information storage means if necessary.

13. (Original) The electronic program guide providing device according to Claim 1, wherein said table generation means determines whether the updating of the electronic program information done by said editing means causes something wrong in the generation of the electronic program guide table, when determining so, notifies said editing means that there causes something wrong in the generation of the electronic

program guide table, and invalidates the updating of the electronic program information.

14. (Currently Amended) The electronic program guide providing device according to Claim 1, wherein said table generation means determines whether the updating of the electronic program information done by said editing means causes something wrong in the generation of the electronic program guide table, when determining so, notifies said editing means that there causes something wrong in the generation of the electronic program guide table, and ~~urges~~ requests said editing means ~~to~~ re-edit the electronic program information.

15. (Original) The electronic program guide providing device according to Claim 12, wherein said table generation means determines whether the updating of the electronic program information done by said editing means causes something wrong in the generation of the electronic program guide table, when determining so, notifies said editing means that there causes something wrong in the generation of the electronic program guide table, and restores the electronic program information stored in said electronic program information storage means to the state it was prior to the updating of the electronic program information with reference to the histories of the update information stored in said update information storage means.

16. (Currently Amended) The electronic program guide providing device

according to Claim 1, wherein said device includes a plurality of table generation means for generating the plurality of electronic program guide information tables ~~table~~-while sharing a load of generating the electronic program guide information tables ~~table~~.

17. (Currently Amended) The electronic program guide providing device according to Claim 2, wherein said device includes a plurality of table generation means for generating the plurality of electronic program guide information tables ~~table~~-while sharing a load of generating the electronic program guide information tables ~~table~~.

18. (Currently Amended) The electronic program guide providing device according to Claim 1, wherein said table generation means provides the generated plurality of electronic program guide information tables ~~table~~ at predetermined intervals, and, when updating ~~the~~ an electronic program guide information table, provides the updated electronic program information guide table ~~updated~~-at the same time that it updates the electronic program guide information table.

19. (Currently Amended) The electronic program guide providing device according to Claim 2, wherein said table generation means provides the generated plurality of electronic program guide information tables ~~table~~ at predetermined intervals, and, when updating ~~the~~ an electronic program guide information table, provides the updated electronic program information guide table ~~updated~~-at the same time that it

updates the electronic program guide information table.

20. (New) A method of generating electronic program guide information tables, comprising:

receiving edited electronic program guide information;
storing the received edited electronic program guide information;
receiving electronic program guide update information;
determining whether an electronic program guide information table needs to be updated based on the electronic program guide update information; and
generating only those electronic program guide information tables determined to need updating.

21. (New) The method of claim 20 wherein generating the updated electronic program guide information tables occurs at predefined intervals.

22. (New), The method of claim 21, wherein the predefined interval is equal to a frequency of transmission of an electronic program guide information table.

23. (New) The method of claim 22, wherein the predefined interval is set for each of the plurality of electronic program guide information tables.

24. (New) The method of claim 20, further comprising:

storing a history of the electronic program guide update information received.

25. (New) The method of claim 24, further comprising:

determining if the received edited electronic program guide information will
cause an error in an electronic program guide table if generated; and
notifying the sender if the received edited electronic program guide information
is determined to cause an error.

26. (New) The method of claim 25, further comprising:

restoring the stored edited electronic program guide information to a state prior
to receiving the edited electronic program guide information based on the stored history.